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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/721,308	11/25/2003	Yuhong Zheng	1-23791	7071

46582 7590 11/20/2007
MACMILLAN, SOBANSKI & TODD, LLC
ONE MARITIME PLAZA - FOURTH FLOOR
720 WATER STREET
TOLEDO, OH 43604

EXAMINER

BURCH, MELODY M

ART UNIT	PAPER NUMBER
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3683

MAIL DATE	DELIVERY MODE
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11/20/2007

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Interview Summary

Application No.

10/721,308

Applicant(s)

ZHENG ET AL.

Examiner

Melody M. Burch

Art Unit

3683

All participants (applicant, applicant's representative, PTO personnel):

(1) Melody M. Burch.

(3) _____.

(2) Gregory Robinette.

(4) _____.

Date of Interview: 15 November 2007.

Type: a) ☒ Telephonic b) ☐ Video Conference
c) ☐ Personal [copy given to: 1) ☐ applicant 2) ☐ applicant's representative]

Exhibit shown or demonstration conducted: d) ☐ Yes e) ☒ No.

If Yes, brief description: _____.

Claim(s) discussed: 3 and 19.

Identification of prior art discussed: Krone et al. and GB'986.

Agreement with respect to the claims f) ☐ was reached. g) ☒ was not reached. h) ☐ N/A.

Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: See Continuation Sheet.

(A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)

THE FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a reply to the last Office action has already been filed, APPLICANT IS GIVEN A NON-EXTENDABLE PERIOD OF THE LONGER OF ONE MONTH OR THIRTY DAYS FROM THIS INTERVIEW DATE, OR THE MAILING DATE OF THIS INTERVIEW SUMMARY FORM, WHICHEVER IS LATER, TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW. See Summary of Record of Interview requirements on reverse side or on attached sheet.

Examiner Note: You must sign this form unless it is an Attachment to a signed Office action.

Melody M. Burch 11/15/07
Examiner's signature, if required

Continuation of Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: Applicant's representative argued that the prior art of record fails to teach the anticipative pressure relief control achieved by the invention. In support for his argument, Applicant's representative noted that the GB'986 reference employs ordinary pressure relief valves 22 and 24 which relieve pressure upon the reaching of an overpressure condition instead of in anticipation of an overpressure condition. Examiner agreed that the GB'986 reference failed to teach the anticipative pressure relief function but emphasized that the Krone et al. reference was used to satisfy the anticipative pressure relief function. Examiner noted that Krone et al. disclosed a means of anticipating an overpressure condition and adjusting the opening of a valve element accordingly to relieve the anticipated excess pressure. See Krone et al. col. 4 lines 45-47 and col. 6 lines 4-12. Examiner further emphasized that the GB'986 reference was used solely for the teaching that an overpressure condition can result from a pump failing to shut off. Examiner noted that the combination of Krone et al., as modified by GB'986, taught a method of anticipating an overpressure condition resulting from a pump failing to shut off and adjusting the opening of a valve element to be able to relieve the anticipated excess pressure. Accordingly, the rejections have been maintained.